



Module Specification

Complex Clinical Reasoning: Management of the Critically Ill Patient

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Part 1: Information

Module title: Complex Clinical Reasoning: Management of the Critically Ill Patient

Module code: UZYKHD-15-3

Level: Level 6

For implementation from: 2024-25

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Health, Science & Society

School: CHSS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module will introduce the role of the physiotherapist in the management of the critically unwell patient.

Features: Not applicable

Educational aims: Emphasis is placed on assessment and management of the unwell patient in both acute care and community settings. This module will cover the theoretical and clinical application of a range of physiotherapeutic treatment

interventions commonly used with the acutely deteriorating patient at home and in hospital, as well as those who are critically unwell in the intensive care unit. This module will introduce more complex clinical reasoning in managing deteriorating and critically unwell patients. There will also be an introduction to paediatric respiratory care.

Outline syllabus: Typical syllabus outline:

Complex pathologies, including traumatic brain injury and acute respiratory distress syndrome

Examination and assessment skills for the deteriorating and critically unwell patient

Physiotherapy interventions and treatments skills for the deteriorating and critically unwell patient, including suction, manual hyperinflation and critical care rehabilitation

Role of the physiotherapist in a variety of settings including, intensive care unit, high dependency unit, wards and in the community (e.g. rapid response)

Complex clinical reasoning, including in the on-call setting

Paediatric respiratory care

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures, seminars, tutorials, demonstration, practical classes, simulations and equipment workshops. Lectures provide an introduction and summary of the topic area. Seminars include problem solving, case studies and discussions, and use module specific resource books to support learning.

Additionally, students are expected to engage in self-study using the resources

provided and blackboard. Independent learning includes hours engaged with essential reading and case study preparation.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Explain how the physiological changes and interactions between body systems give rise to the expected clinical features in critical illness.

MO2 Interpret data from monitoring methods and subsequently select intervention methods and equipment used to support deteriorating and critically ill patients.

MO3 Discuss and apply a range of assessment and management options for the deteriorating and critically ill patient, justifying the rationale, risk management, and clinical reasoning for selection.

MO4 Critically appraise the supporting literature underpinning treatment selection for the deteriorating and critically unwell patient.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 108 hours

Face-to-face learning = 42 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

Part 4: Assessment

Assessment strategy: Summative Assessment

The assessment for this module is a 10-minute case study presentation, with 10 minutes of critical questioning. This will allow students to demonstrate in depth knowledge and understanding and complex reasoning related to the management of

a critically unwell patient.

Formative Assessment

Throughout the module, a number of formative assessment opportunities will be included, providing you with indication and feedback on your performance ahead of the summative module assessment. These may take the style of quizzes, group presentations, and peer feedback to prepare you for the summative assessment.

Assessment tasks:

Presentation (First Sit)

Description: Case study presentation (10 minutes with 10 minutes questioning)

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Presentation (Resit)

Description: Case study presentation (10 minutes with 10 minutes questioning)

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Physiotherapy [Glenside] BSc (Hons) 2022-23